

DGTL IND

DI-4002

MI-585343

MOD		5	6	8	9	10	11	12	13	14	15	16	17	18	
TSO	DO-160 ENV. CAT.											CL	WT/LB		
C63b	/A1B1/AKXXXXXXABBBB												10.8		



AVIONICS DIVISION  
VAN NUYS, CA. USA

MI- 585343

SERIAL 1 2 6 4

1. Approving Civil Aviation Authority/Country <b>FAA/UNITED STATES</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: <b>C3SUA0001001001</b>	
4. Organization Name and Address: <b>Duncan Aviation/3701 Aviation Road/Lincoln, NE 68524 JGVR194F</b>				5. Work Order/Contract/Invoice Number: <b>C3SUA</b>	
6. Item: <b>1</b>	7. Description: <b>RADAR INDICATOR</b>	8. Part Number: <b>MI-585343</b>	9. Quantity: <b>1</b>	10. Serial Number: <b>1264</b>	11. Status/Work: <b>Repaired</b>

12. Remarks:  
Discrepancy: Bench test and advise.

Preliminary findings: Bench tested and found display not showing any blue. Disassembled, inspected and troubleshot. Found broken wire on T-board. During testing found front lamp voltage select switch was intermittent.

Corrective action: replaced parts listed and repaired unit as necessary. Cleaned and aligned unit. Reassembled and function tested unit per HONEYWELL DI-4002 Digital Indicator Assembly Component Maintenance Manual with Illustrated Parts List, Revision 3, dated 10/31/2022.

Duncan Aviation certifies that the work specified in Blocks 11 and 12 was performed IAW EASA part 145, and with respect to that work, the aircraft component is considered ready for release to service under EASA approval number EASA.145.4392. All EASA/FAA Airworthiness Directives are the responsibility of the installer. No current U.S. Airworthiness Directives apply. All current EASA AD's have been researched, none apply.

This document constitutes a signed copy of the work order  
Approval for return to service  
See attached parts list

13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval Authorization No.:	14b. Authorized Signature: <i>Brian L Erks</i> DUNCAN QI 2452	14c. Approval/Certificate No.: JGVR194F
13d. Name (Type or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Type or Printed): Brian L Erks	14e. Date (dd/mm/yyyy): 27 Mar 2025

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (02-14)

NSN-0052-00-012-9005

FAALNK

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Approving Civil Aviation Authority/Country <b>FAA/UNITED STATES</b>	2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number <b>C3SUA0001001001</b>
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1. Organization Name and Address <b>Duncan Aviation/3701 Aviation Road/Lincoln, NE 68524 JGVR194F</b>				5. Work Order/Contract/Invoice Number <b>C3SUA</b>	
6. Item <b>1</b>	7. Description <b>RADAR INDICATOR</b>	8. Part Number <b>MI-585343</b>	9. Quantity <b>1</b>	10. Serial Number <b>1264</b>	11. Status/Work <b>Repaired</b>

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Duncan Aviation certifies that the work specified in Blocks 11 and 12 was performed IAW EASA part 145, and with respect to that work, the aircraft component is considered ready for release to service under EASA approval number EASA.145.4392.

All EASA/FAA Airworthiness Directives are the responsibility of the installer.

No current U.S. Airworthiness Directives apply.

All current EASA AD's have been researched, none apply.

This document constitutes a signed copy of the work order  
Approval for return to service  
See attached parts list

13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature	13c. Approval Authorization No.	14b. Authorized Signature <i>Brian L Erks</i>	14c. Approval Certificate No. <b>DUNCAN 012452 JGVR194F</b>
13d. Name (Type or Print)	13e. Date (dd/mm/yyyy)	14d. Name (Type or Print) <b>Brian L Erks</b>	14e. Date (dd/mm/yyyy) <b>27 Mar 2025</b>

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/rotor.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that neither airworthiness authority accepts aircraft engine(s)/propeller(s)/rotor(s) from the airworthiness authority of the country specified in Block 1.

Statements in blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (02-14)

NSN-C052-00-012-9005

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